

ABSTRACT

Disclosed is a device for determining an activation magnitude for a safety device in a vehicle. The device can be operated in at least two operational states and the operational state of the safety device can be changed as a function of a result of a comparison of the activation magnitude with a predetermined threshold value. Using an environment sensor, object data of at least one object in the surroundings of the vehicle is acquired, and the object data comprise a position of the object, a speed of the object, and a direction of movement of the object. In the device a first trajectory of the object is determined from the object data, which is used for the determination of a first length of time up to a latest time at which a driving maneuver for preventing a collision with the object must be started, and in that the activation magnitude is determined as a function of the first length of time.